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	INFORMATION I	DISCI	LOSURE	Application Number	10/706,328		
	STATEMENT BY	/ APF	LICANT	Filing Date	11/12/2003		
	Date Submitted: No	vemb	or 23, 2000	First Named Inventor	Alison Hannah		
				Art Unit	1614		
(use as many sheets as necessary)		Examiner Name	James D. Anderson				
Sheet	1	of	4	Attorney Docket Number	072121-0366		

			U.S. PATENT DO	CUMENTS	
Examin	Cite	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant
er Initials*	No.1	Number-Kind Code <sup>2</sup> (# known)	MM-DD-YYYY	Cited Document	Passages or Relevant Figures Appear
		US-2002/0165218	11-07-2002	HALBROOK ET AL.	
		US-2004/0002518	01-01-2004	RENHOWE ET AL.	
		US-2004/0006101	01-08-2004	RENHOWE ET AL.	
		US-2004/0097545	05-20-2004	RENHOWE ET AL.	
		US-2004/0220196	11-04-2004	HANNAH ET AL.	
		US-2005/0054672	03-10-2005	RENHOWE ET AL.	
		US-2005/0137399	06-23-2005	CAI ET AL.	
		US-2005/0203101	09-15-2005	BARSANTI ET AL.	
		US-2005/0256157	11-17-2005	GESNER ET AL.	
		US-4,882,342	11-21-1989	VON DER SAAL ET AL.	
		US-5,330,992	07-19-1994	EISSENSTAT ET AL.	
		US-5,480,883	01-02-1996	SPADA ET AL.	
		US-6,593,344	07-15-2003	BIEDERMANN ET AL.	
		US-6,756,383	06-29-2004	RENHOWE ET AL.	
		US-6,759,417	07-06-2004	RENHOWE ET AL.	
		US-7,064,215	06-20-2006	RENHOWE ET AL.	
		US-7,179,912	02-20-2007	HALBROOK ET AL.	
		US-7,470,709	12-30-2008	BARSANTI ET AL.	

	UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS						
Examiner Cite No.1	U.S. Patent Application Document Serial Number-Kind Code <sup>2</sup> (# known)	Filing Date of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>		
		WO-00/11709	03-02-2000	KLONINKLIJKE PHILIPS ELECTRONICS N.V.				
		WO-00/35492	06-22-2000	DU PONT PHARMACEUTICALS COMPANY				

Examiner Signature	Date Considered	

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				Art Unit	1614		
(use as many sheets as necessary)			necessary)	Examiner Name	James D. Anderson		
Sheet	2	of	4	Attorney Docket Number	072121-0366		

FOREIGN PATENT DOCUMENTS								
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		WO-01/52875	07-26-2001	LUDWIG INSTITUTE FOR CANCER RESEARCH				
		WO-01/53268	07-26-2001	AGOURON PHARMACEUTICALS, INC.				
		WO-2004/063170	07-29-2004	UNIVERSITY OF DELHI				
		WO-2005/009967	02-03-2005	JANSSEN PHARMACEUTICA, N.V.				
		WO-2005/046590	05-26-2005	CHIRON CORPORATION				
		WO-2005/047244	05-26-2005	CHIRON CORPORATION				
		WO-2006/081445	08-03-2006	CHIRON CORPORATION				
		WO-2006/127926	11-30-2006	NOVARTIS AG				
		WO-91/04974 (English	04-18-1991	BOEHRINGER MANNHEIM				
	_	abstract attached)		GMBH		-		
		WO-99/16755	04-08-1999	MERCK & CO., INC.		1		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Cite Initials* No.		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, cily and/or country where published.	T <sup>6</sup>
		BERWANGER, B. et al., "Loss of a FYN-regulated differentiation and growth arrest pathway in advanced stage neuroblastoma," Cancer Cell, Vol. 2, November 2002, pp. 377-386; published by Cell Press.	
		CAIRA, Mino R., "Crystalline polymorphism of Organic Compounds," Topics in Current Chemistry, Vol. 198, Springer Verlag, 1998.	
		European Partial Search Report for EP 07011978 dated September 19, 2007.	
		European Supplementary Search Report for EP 03746614.1 dated May 24, 2007.	
		International Preliminary Examination Report for PCT/US03/10463 dated June 8, 2004.	

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Sheet	3	of	4	Attorney Docket Number	072121-0366			

		NON PATENT LITERATURE DOCUMENTS	
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		International Search Report for PCT/US00/13420 dated August 14, 2000.	
		International Search Report for PCT/US01/42131 dated March 6, 2002.	
		International Search Report for PCT/US03/10463 dated June 12, 2003.	
		JOHNSON et al., "Relationships between drug activity in NCI preclinical in vitro and in vivo models and early clinical trials," British Journal of Cancer, Vol. 84, No. 10, 2001, pp. 1424-1431.	
		LEE, S. H. et al., "In vivo Target Modulation and Biological Activity of CHIR-258, a Multitargeted Growth Factor Receptor Kinase Inhibitor, in Colon Cancer Models," Clin. Cancer Res., May 15, 2005, Vol. 11, No. 10, pp. 3633-3641.	
		LOPES DE MENEZES, D. E. et al., "CHIR-258: A Potent Inhibitor of FLT3 Kinase in Experimental Tumor Xenograft Models of Human Acute Myelogenous Leukemia," Clin. Cancer Res., July 15, 2005, Vol. 11, No. 14, pp. 5281-5291.	
		MAJOLINI, M. B. et al., "Dysregulation of the Protein Tyrosine Kinase LCK in Lymphoproliferative Disorders and in Other Neoplasias," Leukemia and Lymphoma, Vol. 35(3-4), 1999, pp. 245-254; published by OPA (Overseas Publishers Association) N.V.	
		MUNDY, "Preclinical models of bone metastases," Semin. Oncol., 28(4 Suppl. 11), 2001, pp. 2-8.	
		SIEMEISTER, G. et al., "Two Independent Mechanisms Essential for Tumor Angiogenesis: Inhibition of Human Melanoma Xenograft Growth by Interfering with either the Vascular Endothelial Growth Factor Receptor Pathway or the Tie-2 Pathway," Cancer Research, Vol. 59, July 1, 1999, pp. 3185-3191.	
		SUGGITT et al., "50 Years of Preclinical Anticancer Drug Screening: Empirical to Target-Driven Approaches," Clinical Cancer Research, Vol. 11, 2005, pp. 971-981.	
		SUSA, M. et al., "Src inhibitors: drugs for the treatment of osteoporosis, cancer or both?," TiPS, Vol. 21, December 2000, pp. 489-495; published by Elsevier Science Ltd.	
		Taiwanese Search Report in Application No. 92131830 received July 24, 2009 (English translation only).	

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Examiner Signature	Date Considered	

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INFORMATION DISCLOSURE				Application Number	10/706,328						
STATEMENT BY APPLICANT				Filing Date	11/12/2003						
Ι г	ate Submitted: No	vemb	er 23 2009	First Named Inventor	Alison Hannah						
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(use as many sheets as necessary)				Examiner Name	James D. Anderson						
Sheet	4	of	4	Attorney Docket Number	072121-0366						

NON PATENT LITERATURE DOCUMENTS							
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		TRUDEL, S. et al., "CHIR-258, a novel, multitargeted tyrosine kinase inhibitor for the potential treatment of t(4;14) multiple myeloma," Blood, 1 April 2005, Vol. 105, No. 7, pp. 2941-2948.					
		VALTOLA, R. et al., 'VEGFR-3 and Its Ligand VEGF-C Are Associated with Angiogenesis in Breast Cancer,' American Journal of Pathology, Vol. 154, No. 5, May 1999, pp. 1381-1390; published by American Society for Investigative Pathology.					

Examiner Signature	/James Anderson/	Date Considered	12/02/2009

TEXAMINER: Intel if reference considered, whether or not clastion is in conformance with MFEP 600. Draw intel through clastion in find in nonformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique clastical nesignation number (optional). 2 See Kinds Codes of USPTO Patert Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WPEO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reging of the Emperor must procede the senial number of the patent document. 5 Kind of documents. 5 Kind of documents of the paper size of the paper size in the patent document. 5 Kind of sources in the paper position of the paper size of the paper size in the paper size of the

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